

## Meeting Minute Approval Sheet

**222-S Project Managers Meeting & Misc. Lab Issues  
(TSD: TS-2-1)**

2704HV/Room G-108B

August 22, 2002

9:30 - 10:00 p.m.

**RECEIVED**  
DEC 02 2002  
EDMC

DOE: LEB 10/16/02 Geneva Ellis-Balone 10/16/02  
Geneva Ellis-Balone Date

ECOLOGY: Fred Jamison Rick Bond 10/17/02  
Fred Jamison Rick Bond Date

# MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)  
8/22/2002

## Meeting Attendees:

Fred Jamison, WDOE  
Tracy Gao, WDOE  
Rick Bond, WDOE

Eric Vogt, FH  
Lucinda Borneman, FH

## Introduction:

Mr. Jamison called the meeting to order at 9:30 a.m. He introduced Rick Bond as the new Ecology Project Manager.

## Approval of Previous Meeting Minutes:

Ecology approved the July 25, 2002 meeting minutes. RL approval was obtained prior to the meeting.

## Status of Action Items:

Action Item 2002-02: Set up meeting between Ecology, RL, and FH to discuss the results of the ICAT Audit Report.

Actionee: Ms. Ellis-Balone, RL

Status: Closed. The meeting has been set up to discuss the findings of the ICAT Audit Report. The meeting is scheduled on September 12, 2002.

## 222-S Laboratory TSD Issues

Ms. Gao, Ecology, stated that she was again experiencing difficulty in accessing the public side of the OPRs database. Ms. Borneman will look into the issue off-line of the meeting.

## 222-S Laboratory Operations:

Mr. Vogt, FH, presented the 222-S Operations report for August, which is attached.

## WSCF Laboratory Operations:

The WSCF Operations Report for August was not discussed at the meeting, but was issued after the meeting for information. The WSCF Operations Report is attached.

## Miscellaneous Issues

No miscellaneous issues were discussed.

## Next Meeting:

September 26, 2002; 2704HV, Room G-108B

**222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)**  
**8/22/02**

**Attachment 1**  
**List of Attendees**  
**Action Items**  
**Other Handouts**

## 222-S Project Managers Meeting & Misc. Lab Issues

August 22, 2002

9:30 - 10:00 a.m.

## ATTENDEES

[illegible]

222-S Laboratory's Treatment Tanks and  
Storage Buildings (TSD: TS-2-1)  
and Miscellaneous Laboratory Topics  
Calendar Year 2002

TRACKING NUMBER	DATE ASSIGNED	FACILITY	ACTION	ACTIONEE	DUE DATE [Target=T, Mandatory=M]	STATUS
AS-2002-01	1/31/02	222-S	Provide ICAT Audit Report to Ecology.	L. Bomeman	When Issued	CLOSED
AS-2002-02	5/23/02	222-S/WSCF	Set up meeting with Ecology to discuss ICAT Audit Report	J. Zeisloft		OPEN

**222-S Project Managers Meeting & Misc. Lab Issues**  
**2704HV/Room G-108B**  
**August 22, 2002**  
**9:30 – 10:00 a.m.**

**Agenda**

- 1. Introductions**
- 2. Approval of Previous Meeting Minutes**
- 3. Status of Action Items**
- 4. 222-S TSD Issues**
- 5. 222-S Laboratory**
  - 5.1. Operational Report**
- 6. WSCF Laboratory**
  - 6.1. Operational Report**
- 7. Misc. Issues**
- 8. Review of New Action Items**

**222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)**  
**8/22/02**

**Attachment 2**  
**222-S Lab Operations Report**  
**WSCF Operations Report**

**MONTHLY OPERATIONS STATUS  
222-S LABORATORY**

**E. C. Vogt  
August 2002**

222-S Laboratory reduced their verification rate for Low Level Waste to five percent. As recently as December 2001 the verification rate for Low Level Waste was 100 percent. The verification rate reduction was a result of improved waste handling at 222-S Laboratory.

As part of the Radiological Control Technician (RCT) recertification process, RCT Oral Examination Boards (OEB) have been started. All RCTs are required to have completed their boards by September 30, 2002. The OEBs have been scheduled every Thursday from now through the end of September 2002. Currently seven of 27 RCTs have completed the Oral Board Examination.

Engineering began an inspection of the 296-S-21 stack and associated ducting to determine the full extent of stainless steel duct and stiffener damage. Photographs and sketches are being prepared to document the inspection results. Corrective actions will be developed following the inspection.

The facility completed seven of an anticipated fifteen tests of the exhaust ventilation system electric motors on August 14, 2002. It is anticipated the remaining tests will be completed August 15, 2002. These tests are necessary to support the engineering evaluation of the 222-S Laboratory exhaust ventilation system defects.

On Saturday, August 10, 2002 at approximately 2000, shift personnel discovered a small sanitary water leak on the main supply to the 222-S Laboratory. The Shift Operations Manager (SOM) initiated corrective actions to ensure that the leak was adequately contained and controlled. A pipe fitter was brought in and was able to repair the leak. The significance of this is in the fact that a sanitary water leak repair could have resulted in a complete Laboratory shutdown for the duration of the repair. This repair was completed at 0930 Sunday morning without an analytical interruption.

During routine inspection by the Hanford Fire Department Maintenance crew the backup power supply for the Halon suppression in the counting room was found degraded. The manufacturer of this system is no longer in business, but an alternate supplier has been identified in Spokane, WA. An estimated delivery date has not been established. A system restriction has been identified.

The annual maintenance on the cathodic protective system was not completed by August 15, 2002, as scheduled and is currently overdue. The cathodic system engineer is on short-term disability and his backup did not have the necessary probes required for maintenance on the system. We are working closely with our standards laboratory and the back up cathodic system engineer to prepare probes necessary for maintenance on the system. Our plans are to have the probes fabricated and the Preventive Maintenance (PM) completed by the end of the month.



## WSCF ANALYTICAL/OPERATIONS REPORT

August 2002

### **Installation of IRIS ICP/AES in WSCF:**

This instrument will provide a backup to the ICP in room N12 and is expected to expand our ICP capability by achieving lower detection limits and a broader array of elements. (Fitzgerald)

#### ***Current Status:***

- Installation is waiting for fabrication of the ventilation ductwork over this instrument.

### **Oil & Grease Analysis using EPA Method 1664**

Sample extraction with Freon solvent for oil & grease analysis is due to be phased out. A Horizon, model 4790 solid phase extraction system using method 1664 has been installed at WSCF as a replacement. Initial testing has shown good recovery. A procedure has been drafted and MDLs determined.

#### ***Current Status:***

- MDLs and initial precision and recovery have been determined for oil & grease using method 1664. The results are within the acceptable range for this method.
- The result of the PE sample analysis was received; it was within the acceptable range.
- Lee Farron from Ecology has reviewed the process and provided a verbal approval to proceed with the analysis.

### **Laboratory Method Assessments:**

An internal program to review and assess analytical procedures is currently under way. There are thirteen method assessments scheduled in FY2002 at the 222-S Laboratory, and there are seventeen method assessments scheduled in FY2002 at the WSCF Laboratory. (Bisping)

#### ***Current Status:***

- The method assessment for strontium is nearing completion. (WSCF).
- Prepared the EPA 200.8 checklist (ICP/MS) for method assessment on ICP/MS (WSCF).

## **WSCF OPERATIONS**

Weather upgrades are being conducted at the WSCF facility, which consist of cutting side walks to install rain gutters, pouring of concrete around the North Lab Chiller unit, repairing the roof and installation of snow dams above some of the entry ways.

The EF-2 motor failed on 8/12/02, causing a loss of HVAC Train 2 to the 6266 Building. The laboratory continued to run in single train as planning commenced to install a spare motor. On 8/15/02, the spare motor was installed and the system returned to service 8/19/02. Maintenance and Engineering continue to troubleshoot and arrangements are being made for another spare to be installed. Production Control and Analytical Services personnel worked to ensure customer needs were not compromised during this time, requiring some samples to be sent to commercial laboratories.

## CORRESPONDENCE DISTRIBUTION COVERSHEET

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Addressee  
Distribution

Correspondence No.  
FH-0205364  
November 18, 2002

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES  
(TSD: TS-2-1), AUGUST 2002.

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		L. E. Borneman	T6-14	X
		B. J. Dixon	R3-32	X
		J. L. Nuzum	S3-28	X
		C. M. Seidel	T6-14	X
		E. C. Vogt	T6-14	X
		G. J. Warwick	S3-30	X
		222-S Regulatory File	T6-14	X
		WSCF Regulatory File	S3-30	X
		GJW/LEB File/LB		
		<b><u>U.S. Department of Energy</u></b>		
		<b><u>Richland Operations Office</u></b>		
		E. M. Bowers	A2-15	X
		G. Ellis-Balone	A2-15	X
		O. M. Holgado	A2-15	X
		<b><u>Washington State Department of Ecology</u></b>		
		F. W. Bond	B5-18	X
		T. Z. Gao	B5-18	X
		D. G. Singleton	B5-18	X